f1) determining whether a first combined cut/boost of the first equalizer band and the second equalizer band is too great;

f2) determining whether a second combined cut/boost of the second equalizer band and the third equalizer band is too great; and

f3) determining whether a third combined cut/boost of the first equalizer band and the third equalizer band is too great.

13. (amended) A computer program product for use in conjunction with a computer system, the computer program product comprising a computer readable storage medium and a computer program mechanism embedded therein, the computer program mechanism comprising one or more modules to improve audio quality of the computer system, the one or more modules including:

a first set of instructions to determine a type of a Universal Serial Bus (USB) speaker of the computer system;

a second set of instructions to select a set of filter coefficients for a digital filter based upon the type of the USB speaker; and

a third set of instructions to realize a parametric equalizer using a digital filter, the digital filter producing an output signal to be input to the USB speaker from the set of filter coefficients and an input signal.

14. (amended) The computer program product of claim 13 wherein the second set of instructions further include:

a fourth set of instructions to receive equalizer parameters; and

a fifth set of instructions to calculate the set of filter coefficients from the equalizer parameters if received without regard to the type of the speaker.

15. (amended) The computer program product of claim 13 wherein the third set of instructions comprise:

a seventh set of instructions to realize a first equalizer band of the parametric equalizer, the first equalizer band having a first cut/boost parameter;

an eighth set of instructions to realize a second equalizer band of the parametric equalizer, the second equalizer band having a second cut/boost parameter; and

a ninth set of instructions to realize a third equalizer band of the parametric equalizer, the third equalizer band having a third cut/boost parameter.

16. (amended) The computer program product of claim 15 wherein a tenth set of instructions for insuring a first combined cut/boost of the first, second and third equalizer bands is not too great.

17. (amended) The computer program product of claim 16 wherein the tenth set of instructions comprise:

an eleventh set of instructions to determine whether a second combined cut/boost of the first equalizer band and the second equalizer band is too great;

a twelfth set of instructions to determine whether a third combined cut/boost of the second equalizer band and the third equalizer band is too great; and

a thirteenth set of instructions to determine whether a fourth combined cut/boost of the first equalizer band and the third equalizer band is too great.

18. (amended) The computer program product of claim 17 wherein:

the eleventh set of instructions uses a relationship for adjacent bands to determine whether the second combined cut/boost is too great;

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the twelfth set of instructions uses the relationship for adjacent bands to determine whether the third combined cut/boost is too great; and

the thirteenth set of instructions uses a relationship for non-adjacent bands to determine whether the fourth combined cut/boost is too great.